

## Amendment to the Specification

Please replace the last full paragraph on page 10 of the specification with the following replacement paragraph:

By building a series of Y functions for a set of pre-defined  $A_k$  values as defined in table 1, noise sequences can be defined by randomly, or in an orderly manner, defining the phase angles,  $\phi_{ik}$ , for each order. The phase angles may be defined in an orderly manner by looping through the potential phases at a fixed increment such as 1 degree. Table 2 shows two sets of phases. The first set has all of the modulation orders in phase and the second set has orders 4 through 7 with varying phase.